

Attorney's Docket No. 8194-723

PATENT

1/fw

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Arslan et al.

Serial No.: 10/716,085

Filed: November 18, 2005

For: *Methods And Apparatus For Pre-Filtering A Signal To Increase Signal-To-Noise Ratio
And Decorrelate Noise*

Confirmation No.: 4858

Group Art Unit: 2631

Date: May 9, 2005

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
FOR INTERNATIONAL SEARCH REPORT**

Sir:

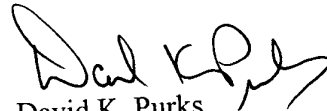
Attached is a Supplemental Form PTO-1449 listing documents cited in the International Search Report for the corresponding International Application Number PCT/US2004/038412. Each document listed on the attached PTO-1449 was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement. A copy of any listed foreign patent document and/or non-patent literature including the Search Report, is enclosed. A copy of any listed U.S. patent and/or U.S. patent application publication is not provided herewith in accordance with the amendment by the U.S. Patent and Trademark Office of requirements under 37 C.F.R. § 1.98(a)(2)(ii) effective October 21, 2004.

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It is requested that these documents be considered by the Examiner and officially made of record in accordance with the provisions of 37 C.F.R. §1.56 and Section 609 of the MPEP.

No fee is believed due; however, the Commissioner is hereby authorized to charge any deficiency or credit any refund to Deposit Account No. 50-0220.

Respectfully submitted,


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Sheena L. Donnelly

Substitute form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1C of 1C

Complete if Known

Application Number 10/716,085
 Filing Date November 18, 2003
 First Named Inventor Huseyin Arslan
 Group Art Unit 2631
 Examiner Name TBA
 Attorney Docket Number 8194-723

U.S. PATENTS AND PATENT PUBLICATIONS

Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code (if known)		
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation
		Office	Number	Kind Code (if known)			

OTHER NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T
	1.	Al-Dhahir "Finite-Length Channel-Shortening Space-Time Equalizers for MIMO Linear Frequency-Selective Channels" <i>Signals, Systems, and Computers, 2000. Conference Record of the Thirty-fourth Asilomar Conference 1</i> : 705-709(2000)	
	2.	Bauch "Reduced-Complexity Space-Time Turbo-Equalization for Frequency-Selective MIMO Channels" <i>IEEE Transactions on Wireless Communications 1</i> (4): 819-828 (2002)	
	3.	Hafeez et al. "Interference Cancellation for EDGE via Two-User Joint Demodulation" <i>2003 58th IEEE Vehicular Technology Conference 2</i> : 1025-1029 (2003)	
	4.	International Search Report and Written Opinion for Application No. PCT/US2004/038412 mailed on April 19, 2005	
	5.	Ramesh et al. "Prefilter Design for Low-Complexity Equalization of MIMO Systems" <i>2004 IEEE 59th Vehicular Technology Conference 2</i> : 871-875 (2004)	
	6.	Zangi et al. "Physical-Layer Issues for Deploying Transmit Diversity in GPRS/EGPRS Networks" <i>IEEE 54th Vehicular Technology Conference 2</i> : 538-542 (2001)	

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.